

March 29, 2010

Ivan Acosta
Chief, Special Projects Team
Planning Division
U.S. Army Corps of Engineers, Jacksonville District
701 San Marco Boulevard -office 545
Jacksonville, FL 32207

904 232 1693

Dear Mr. Acosta:

Ivan / Javier :
Please find the enclosed engineering scale drawings for the San Juan Federal Navigation Projects and the sampling and testing forms. Locations of core samples are depicted on the drawings. Please use them to determine the latitudes and longitudes for sampling and then provide the locations to me. We have determined two composite samples to be appropriate for testing this material.

Please remind your contractor that an EPA approved work and quality assurance plan must be attained before sampling begins. As always, I am available to discuss any particulars about this testing effort.

Thank you,



Mark Reiss
Division of Environmental Planning and Protection

SAMPLING SCHEME and LIST of REQUIRED TESTING as OUTLINED in
the 1992 EPA REGION 2 REGIONAL IMPLEMENTATION MANUAL on
Dredged Material Proposed for Ocean Disposal and the 1991 GREEN BOOK

Project San Juan Harbor Federal Navigation Project (2010)

Applicant No. USACE

Address

Waterway San Juan Harbor

Proposed Volume: cubic yards (based on 10/2009 bathymetric survey)

Project Depth in feet: various (see attachment 1)

(NOTE: The applicant is required to collect cores from each sampling location to project depth plus 2 ft)

A preapplication meeting was held on at District Offices in San Juan

 X was not held at the District Offices in San Juan.

The applicant has indicated that testing will be performed by the following laboratories:

Biological: Anamar (Subcontractor) Analytical: Anamar (Subcontractor) Dioxin: NA

The sampling scheme and required testing described on the reverse side was approved for the proposed project area based upon the information contained in the attached map.

Sample dredging sites are indicated on attached map.

The proposed dredging area is subdivided into TWO reaches for sampling and testing purposes.

Reach 1: 6 locations (#A1-A6) Reach 2: 6 locations (B1-B6)

- Switch A+B

- The District/Region reserves the right to require additional sampling and testing at any time.

COMMENTS:

1. If there is any evidence of stratification in core samples, contact Region prior to compositing.
2. Additional cores may have to be taken from each station in order to ensure adequate volumes of sediment to meet testing requirements. If so, **the same number of cores must be taken and composited from each location.**
3. Core locations may have to be moved if shoaling patterns have changed. If so, contact Region during sampling to confirm new locations.
4. A work and quality assurance project plan (WQAPP) must be submitted to, reviewed and approved by the District and the Region prior to commencement of any sampling or testing associated with this application.

ADDITIONAL REQUIREMENTS:

* If you have any questions regarding sampling, test protocols, test species, qa/qc, etc. please contact the Dredged Material Management Team of USEPA Region 2 at (212)-264-3797 or extension of person completing this form.

PREPARED BY: MARK REISS

DATE: 26 March 2010

PHONE: 212-637-3799

SEE REVERSE SIDE FOR SAMPLING AND TESTING REQUIREMENTS

APPLICANT: USACE - San Juan Federal Nav Project

ATTACHMENT 1

Sampling and Testing Reaches - San Juan Harbor 2010

Reach A:						
Sample	Segment	Sheet	Est. Depth	Proj. Depth (+2)	Anticipated Core Length	
A-1	Army Terminal Channel		8	39	42	3
A-2	Army Terminal Channel Turning Basin		10	37	42	5
A-3	Army Terminal Channel Turning Basin		10	36	42	6
A-4	Puerto Nuevo Channel		11	38.5	41	2.5
A-5	Puerto Nuevo Channel Turning Basin		13	37.5	41	3.5
A-6	Graving Dock Turning Basin		14	29	32	3
						23 Total (ft)
Reach B:						
Sample	Segment	Sheet	Est. Depth	Proj. Depth (+2)	Anticipated Core Length	
B-1	Anchorage Area E		17	32	38	6
B-2	Anchorage Area E		21	32	38	6
B-3	Cruise Ship Basin East		18	25.5	32	6.5
B-4	San Antonio Channel		20	34	37	3
B-5	Cruise Ship Basin West		19	26	32	6
B-6	Anchorage Area F		7	25	32	7
						34.5 Total (ft)

B-4...the table on page 1 lists San Antonio channel project depth as 30 but the handwritten note refers to project depth of 35 - if it is in fact 35 no dredging necessary and no sampling possible

All depths and locations subject to change with new bathymetry information

with A 63